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RAW SEQUENCE LISTING DATE: 05/13/2003
PATENT APPLICATION: US/09/964,662 TIME: 14:56:34

Input Set : A:\41082112.app

Output Set: N:\CRF4\05132003\1964662.raw

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3 <110> APPLICANT: PROTEIN SPECIALTIES LTD.
             HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP
      6 <120> TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN AND
              OTHER FIBROUS PROTEINS
      9 <130> FILE REFERENCE: 041082/0112
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/964,662
C--> 12 <141> CURRENT FILING DATE: 2003-05-08
     14 <150> PRIOR APPLICATION NUMBER: 09/340,736
     15 <151> PRIOR FILING DATE: 1999-06-29
                                                                ENTERED
     17 <160> NUMBER OF SEQ ID NOS: 11
    19 <170> SOFTWARE: PatentIn Ver. 2.1
     21 <210> SEQ ID NO: 1
     22 <211> LENGTH: 731
     23 <212> TYPE: PRT
     24 <213> ORGANISM: Homo sapiens
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     30 Tyr Pro Gly Ala Gly Leu Gly Ala Leu Gly Gly Gly Ala Leu Gly Pro
                     20
     33 Gly Gly Lys Pro Leu Lys Pro Val Pro Gly Gly Leu Ala Gly Ala Gly
                35
                                     40
     36 Leu Gly Ala Gly Leu Gly Ala Phe Pro Ala Val Thr Phe Pro Gly Ala
    39 Leu Val Pro Gly Gly Val Ala Asp Ala Ala Ala Ala Tyr Lys Ala Ala
                             70
    42 Lys Ala Gly Ala Gly Leu Gly Gly Val Pro Gly Val Gly Gly Leu Gly
                                             90
    45 Val Ser Ala Gly Ala Val Val Pro Gln Pro Gly Ala Gly Val Lys Pro
                   100
                                        105
    48 Gly Lys Val Pro Gly Val Gly Leu Pro Gly Val Tyr Pro Gly Gly Val
                                    120
    51 Leu Pro Gly Ala Arg Phe Pro Gly Val Gly Val Leu Pro Gly Val Pro
                               135
    54 Thr Gly Ala Gly Val Lys Pro Lys Ala Pro Gly Val Gly Gly Ala Phe
                           150
                                               155
    57 Ala Gly Ile Pro Gly Val Gly Pro Phe Gly Gly Pro Gln Pro Gly Val
                       165
                                           170
    60 Pro Leu Gly Tyr Pro Ile Lys Ala Pro Lys Leu Pro Gly Gly Tyr Gly
                   180
                                       185
    63 Leu Pro Tyr Thr Thr Gly Lys Leu Pro Tyr Gly Tyr Gly Pro Gly Gly
               195
                                    200
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66 Val Ala Gly Ala Ala Gly Lys Ala Gly Tyr Pro Thr Gly Thr Gly Val

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67	210					215					220				
69 Gly		Gln	Ala	Ala	Ala		Ala	Ala	Ala	Lvs		Ala	Ala	Lvs	Phe
70 225					230					235				-1-	240
72 Gly	Ala	Gly	Ala	Ala	Gly	Val	Leu	Pro	Gly	Val	Gly	Gly	Ala	Gly	Val
73				245					250					255	
75 Pro	Gly	Val		Gly	Ala	Ile	Pro		Ile	Gly	Gly	Ile		Gly	Val
76			260					265					270		
78 Gly	Thr		Ala	Ala	Ala	Ala		Ala	Ala	Ala	Ala	Ala	Lys	Ala	Ala
79	_	275					280					285			
81 Lys	Tyr	GLY	Ala	Ala	Ala		Leu	Val	Pro	Gly		Pro	Gly	Phe	Gly
82 84 D==	290	17. I	17- 1	a 1	** . 1	295	~ 1				300		_	_	
84 Pro	GIA	vaı	vaı	GIĀ		Pro	GLY	Ala	GLY		Pro	Gly	Val	Gly	
85 305	c1	33.	a1	T 1 -	310	77- 7		_	-1	315			_		320
87 Pro 88	СТУ	Ald	СТА		Pro	vaı	vaı	Pro		Ala	GTA	Ile	Pro	_	Ala
	Wa I	Dro	C1	325	17n l	Ca	D	~1	330			_		335	
90 Ala 91	vaı	PIO	340	Val	Val	ser	Pro	345	Ата	Ala	Ата	Lys		Ala	Ala
93 Lys	Δla	λla		ጥ፣፣ም	C111	7 l a	7 ~~		C1	17- 1	a1	17- 1	350	~1	~ 1.
94	mu	355	цyз	1 Y 1	СТУ	ALG	360	PIO	GIY	Val	СТА	365	GIY	GTÄ	TTE
96 Pro	Thr		Glv	Va 1	Glv	Δla		C1 v	Dho	Dro	C1 17		C1.,	17 a 1	C1
97	370	-1-		141	011	375	GLY	СТУ	FIIC		380	Pile	СТУ	vaı	GIA
99 Val		Glv	Ile	Pro	Glv		Ala	Glv	Va 1			Val	Gl _v	Clv	Wa I
100 385	;	1			390			0 -1	vu_	395		VUL	СТУ	СГУ	400
102 Pro		Val	Gly	Gly			Glv	Va1	Glv			Pro	Glu	Δla	Gln
103	-		-	405			1		410		551		O L u	415	
105 Ala	Ala	Ala	Ala	Ala	Lys	Ala	Ala	Lys			Val	Gly	Thr		
105 Ala 106	Ala	Ala	Ala 420		Lys	Ala	Ala	Lys 425	Tyr		Val	Gly	Thr	Pro	
106			420					425	Tyr	Gly			430	Pro	Ala
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106 108 Ala 109 111 Pro	Ala Gly	Ala 435 Val	420 Ala	Lys	Ala	Ala	Ala 440	425 Lys	Tyr Ala	Gly	Gln	Phe 445	430 Gly	Pro	Ala Val
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106 108 Ala 109 111 Pro 112 114 Val 115 465	Ala Gly 450 Ala	Ala 435 Val	420 Ala Gly	Lys Val Val	Ala Ala Gly 470	Ala Pro 455 Leu	Ala 440 Gly Ala	425 Lys Val Pro	Tyr Ala Gly Gly	Gly Ala Val Val 475	Gln Ala 460 Gly	Phe 445 Pro Val	430 Gly Gly Ala	Pro Leu Val Pro	Ala Val Gly Gly 480
106 108 Ala 109 111 Pro 112 114 Val 115 465 117 Val	Ala Gly 450 Ala	Ala 435 Val	420 Ala Gly	Lys Val Val Pro	Ala Ala Gly 470 Gly	Ala Pro 455 Leu	Ala 440 Gly Ala	425 Lys Val Pro	Tyr Ala Gly Gly Ala	Gly Ala Val Val 475 Pro	Gln Ala 460 Gly	Phe 445 Pro Val	430 Gly Gly Ala	Pro Leu Val Pro Pro	Ala Val Gly Gly 480
106 108 Ala 109 111 Pro 112 114 Val 115 465 117 Val	Ala Gly 450 Ala Gly	Ala 435 Val Pro	420 Ala Gly Gly Ala	Lys Val Val Pro 485	Ala Ala Gly 470 Gly	Ala Pro 455 Leu Val	Ala 440 Gly Ala Gly	425 Lys Val Pro	Tyr Ala Gly Gly Ala 490	Gly Ala Val Val 475 Pro	Gln Ala 460 Gly Ala	Phe 445 Pro Val Ile	430 Gly Gly Ala Gly	Pro Leu Val Pro Pro 495	Val Gly Gly 480 Gly
106 108 Ala 109 111 Pro 112 114 Val 115 465 117 Val 118 120 Gly	Ala Gly 450 Ala Gly	Ala 435 Val Pro	420 Ala Gly Gly Ala	Lys Val Val Pro 485	Ala Ala Gly 470 Gly	Ala Pro 455 Leu Val	Ala 440 Gly Ala Gly	425 Lys Val Pro Val	Tyr Ala Gly Gly Ala 490	Gly Ala Val Val 475 Pro	Gln Ala 460 Gly Ala	Phe 445 Pro Val Ile	430 Gly Gly Ala Gly Ala	Pro Leu Val Pro Pro 495	Val Gly Gly 480 Gly
106 108 Ala 109 111 Pro 112 114 Val 115 465 117 Val 118 120 Gly 121	Ala Gly 450 Ala Gly Val	Ala 435 Val Pro Val	420 Ala Gly Gly Ala Ala 500	Lys Val Val Pro 485 Ala	Ala Ala Gly 470 Gly	Pro 455 Leu Val	Ala 440 Gly Ala Gly Ser	425 Lys Val Pro Val Ala 505	Tyr Ala Gly Gly Ala 490 Ala	Gly Ala Val Val 475 Pro Lys	Gln Ala 460 Gly Ala Val	Phe 445 Pro Val Ile	430 Gly Gly Ala Gly Ala 510	Pro Leu Val Pro Pro 495 Lys	Ala Val Gly Gly 480 Gly
106 108 Ala 109 111 Pro 112 114 Val 115 465 117 Val 118 120 Gly 121 123 Gln	Ala Gly 450 Ala Gly Val	Ala 435 Val Pro Val Ala Arg	420 Ala Gly Gly Ala Ala 500	Lys Val Val Pro 485 Ala	Ala Ala Gly 470 Gly	Pro 455 Leu Val	Ala 440 Gly Ala Gly Ser Leu	Val Pro Val Ala 505 Gly	Tyr Ala Gly Gly Ala 490 Ala Ala	Ala Val Val 475 Pro Lys Gly	Gln Ala 460 Gly Ala Val	Phe 445 Pro Val Ile Ala Pro	430 Gly Gly Ala Gly Ala 510 Gly	Pro Leu Val Pro Pro 495 Lys	Ala Val Gly Gly 480 Gly
106 108 Ala 109 111 Pro 112 114 Val 115 465 117 Val 118 120 Gly 121 123 Gln 124	Ala Gly 450 Ala Gly Val	Ala 435 Val Pro Val Ala Arg 515	Gly Gly Ala Ala 500 Ala	Lys Val Val Pro 485 Ala	Ala Ala Gly 470 Gly Ala Ala	Pro 455 Leu Val Lys Gly	Ala 440 Gly Ala Gly Ser Leu 520	425 Lys Val Pro Val Ala 505 Gly	Tyr Ala Gly Gly Ala 490 Ala	Ala Val Val 475 Pro Lys Gly	Gln Ala 460 Gly Ala Val	Phe 445 Pro Val Ile Ala Pro 525	430 Gly Gly Ala Gly Ala 510 Gly	Pro Leu Val Pro Pro 495 Lys Leu	Ala Val Gly Gly 480 Gly Ala Gly
106 108 Ala 109 111 Pro 112 114 Val 115 465 117 Val 118 120 Gly 121 123 Gln 124 126 Val	Ala Gly 450 Ala Gly Val Leu Gly	Ala 435 Val Pro Val Ala Arg 515	Gly Gly Ala Ala 500 Ala	Lys Val Val Pro 485 Ala	Ala Ala Gly 470 Gly Ala Ala	Ala Pro 455 Leu Val Lys Gly	Ala 440 Gly Ala Gly Ser Leu 520	425 Lys Val Pro Val Ala 505 Gly	Tyr Ala Gly Gly Ala 490 Ala	Ala Val Val 475 Pro Lys Gly	Gln Ala 460 Gly Ala Val Ile Ala	Phe 445 Pro Val Ile Ala Pro 525	430 Gly Gly Ala Gly Ala 510 Gly	Pro Leu Val Pro Pro 495 Lys Leu	Ala Val Gly Gly 480 Gly Ala Gly
106 108 Ala 109 111 Pro 112 114 Val 115 465 117 Val 118 120 Gly 121 123 Gln 124 126 Val 127	Ala Gly 450 Ala Gly Val Leu Gly 530	Ala 435 Val Pro Val Ala Arg 515 Val	Gly Gly Ala Ala 500 Ala Gly	Lys Val Val Pro 485 Ala Ala Val	Ala Ala Gly 470 Gly Ala Ala	Ala Pro 455 Leu Val Lys Gly Gly 535	Ala 440 Gly Ala Gly Ser Leu 520 Leu	Val Pro Val Ala 505 Gly	Tyr Ala Gly Gly Ala 490 Ala Ala	Ala Val Val 475 Pro Lys Gly Gly	Gln Ala 460 Gly Ala Val Ile Ala 540	Phe 445 Pro Val Ile Ala Pro 525 Gly	Gly Ala Gly Ala 510 Gly Val	Pro Leu Val Pro 495 Lys Leu Pro	Ala Val Gly 480 Gly Ala Gly
106 108 Ala 109 111 Pro 112 114 Val 115 465 117 Val 118 120 Gly 121 123 Gln 124 126 Val 127 129 Leu	Ala Gly 450 Ala Gly Val Leu Gly 530	Ala 435 Val Pro Val Ala Arg 515 Val	Gly Gly Ala Ala 500 Ala Gly	Lys Val Val Pro 485 Ala Ala Val	Ala Gly 470 Gly Ala Ala Pro Gly	Ala Pro 455 Leu Val Lys Gly Gly 535	Ala 440 Gly Ala Gly Ser Leu 520 Leu	Val Pro Val Ala 505 Gly	Tyr Ala Gly Gly Ala 490 Ala Ala	Ala Val Val 475 Pro Lys Gly Gly Gly	Gln Ala 460 Gly Ala Val Ile Ala 540	Phe 445 Pro Val Ile Ala Pro 525 Gly	Gly Ala Gly Ala 510 Gly Val	Pro Leu Val Pro 495 Lys Leu Pro	Ala Val Gly 480 Gly Ala Gly Gly Gly
106 108 Ala 109 111 Pro 112 114 Val 115 465 117 Val 118 120 Gly 121 123 Gln 124 126 Val 127 129 Leu 130 545	Gly 450 Ala Gly Val Leu Gly 530 Gly	Ala 435 Val Pro Val Ala Arg 515 Val	420 Ala Gly Ala Ala 500 Ala Gly	Lys Val Val Pro 485 Ala Ala Val	Ala Gly 470 Gly Ala Ala Pro Gly 550	Ala Pro 455 Leu Val Lys Gly Gly 535 Val	Ala 440 Gly Ala Gly Ser Leu 520 Leu	Val Pro Val Ala 505 Gly Gly	Tyr Ala Gly Gly Ala 490 Ala Val	Ala Val Val 475 Pro Lys Gly Gly Gly 555	Gln Ala 460 Gly Ala Val Ile Ala 540 Ala	Phe 445 Pro Val Ile Ala Pro 525 Gly	Gly Ala Gly Ala 510 Gly Val	Pro Leu Val Pro 495 Lys Leu Pro Asp	Ala Val Gly 480 Gly Ala Gly Gly Gly Glo
106 108 Ala 109 111 Pro 112 114 Val 115 465 117 Val 118 120 Gly 121 123 Gln 124 126 Val 127 129 Leu 130 545 132 Gly	Gly 450 Ala Gly Val Leu Gly 530 Gly	Ala 435 Val Pro Val Ala Arg 515 Val	420 Ala Gly Ala Ala 500 Ala Gly	Lys Val Val Pro 485 Ala Ala Val Ala Ser	Ala Gly 470 Gly Ala Ala Pro Gly 550	Ala Pro 455 Leu Val Lys Gly Gly 535 Val	Ala 440 Gly Ala Gly Ser Leu 520 Leu	Val Pro Val Ala 505 Gly Gly	Tyr Ala Gly Gly Ala 490 Ala Val Phe	Ala Val Val 475 Pro Lys Gly Gly Gly 555	Gln Ala 460 Gly Ala Val Ile Ala 540 Ala	Phe 445 Pro Val Ile Ala Pro 525 Gly	Gly Ala Gly Ala 510 Gly Val	Pro Leu Val Pro 495 Lys Leu Pro Asp	Ala Val Gly 480 Gly Ala Gly Gly Gly Glo
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106 108 Ala 109 111 Pro 112 114 Val 115 465 117 Val 118 120 Gly 121 123 Gln 124 126 Val 127 129 Leu 130 545 132 Gly	Ala Gly 450 Ala Gly Val Leu Gly 530 Gly Val	Ala 435 Val Pro Val Ala Arg 515 Val Val Arg	420 Ala Gly Ala Ala 500 Ala Gly Gly	Lys Val Val Pro 485 Ala Ala Val Ala Ser 565	Ala Gly 470 Gly Ala Ala Pro Gly 550 Leu	Ala Pro 455 Leu Val Lys Gly 535 Val	Ala 440 Gly Ala Gly Ser Leu 520 Leu Pro	Val Pro Val Ala 505 Gly Gly Gly Glu Pro	Tyr Ala Gly Gly Ala 490 Ala Val Phe Leu 570	Ala Val Val 475 Pro Lys Gly Gly 555 Arg	Gln Ala 460 Gly Ala Val Ile Ala 540 Ala Glu	Phe 445 Pro Val Ile Ala Pro 525 Gly Gly	430 Gly Gly Ala 510 Gly Val Ala Asp	Pro Leu Val Pro 495 Lys Leu Pro Asp Pro 575	Ala Val Gly 480 Gly Ala Gly Gly Gly Slu 560 Ser
106 108 Ala 109 111 Pro 112 114 Val 115 465 117 Val 118 120 Gly 121 123 Gln 124 126 Val 127 129 Leu 130 545 132 Gly 133 135 Ser 136	Ala Gly 450 Ala Gly Val Leu Gly 530 Gly Val Ser	Ala 435 Val Pro Val Ala Arg 515 Val Val Arg Gln	420 Ala Gly Ala Ala 500 Ala Gly Gly Arg His 580	Val Val Pro 485 Ala Ala Val Ala Ser 565 Leu	Ala Gly 470 Gly Ala Ala Pro Gly 550 Leu Pro	Ala Pro 455 Leu Val Lys Gly 535 Val Ser	Ala 440 Gly Ala Gly Ser Leu 520 Leu Pro Pro	Val Pro Val Ala 505 Gly Gly Glu Pro 585	Ala Gly Gly Ala 490 Ala Val Phe Leu 570 Ser	Ala Val Val 475 Pro Lys Gly Gly 555 Arg Ser	Gln Ala 460 Gly Ala Val Ile Ala 540 Ala Glu Pro	Phe 445 Pro Val Ile Ala Pro 525 Gly Gly Gly Arg	Gly Ala Gly Ala 510 Gly Val Ala Asp	Pro Leu Val Pro 495 Lys Leu Pro Asp Pro 575 Pro	Ala Val Gly 480 Gly Ala Gly Gly Gly Gly Gly Glu 560 Ser
106 108 Ala 109 111 Pro 112 114 Val 115 465 117 Val 118 120 Gly 121 123 Gln 124 126 Val 127 129 Leu 130 545 132 Gly 133 135 Ser	Ala Gly 450 Ala Gly Val Leu Gly 530 Gly Val Ser	Ala 435 Val Pro Val Ala Arg 515 Val Val Arg Gln	420 Ala Gly Ala Ala 500 Ala Gly Gly Arg His 580	Val Val Pro 485 Ala Ala Val Ala Ser 565 Leu	Ala Gly 470 Gly Ala Ala Pro Gly 550 Leu Pro	Ala Pro 455 Leu Val Lys Gly 535 Val Ser	Ala 440 Gly Ala Gly Ser Leu 520 Leu Pro Pro	Val Pro Val Ala 505 Gly Gly Glu Pro 585	Ala Gly Gly Ala 490 Ala Val Phe Leu 570 Ser	Ala Val Val 475 Pro Lys Gly Gly 555 Arg Ser	Gln Ala 460 Gly Ala Val Ile Ala 540 Ala Glu Pro	Phe 445 Pro Val Ile Ala Pro 525 Gly Gly Gly Arg	Gly Ala Gly Ala 510 Gly Val Ala Asp	Pro Leu Val Pro 495 Lys Leu Pro Asp Pro 575 Pro	Ala Val Gly 480 Gly Ala Gly Gly Gly Gly Gly Glu 560 Ser

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141 Val Leu Gly Gly Leu Gly Ala Leu Gly Gly Val Gly Ile Pro Gly Gly
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144 Val Val Gly Ala Gly Pro Ala Ala Ala Ala Ala Ala Lys Ala Ala
147 Ala Lys Ala Ala Gln Phe Gly Leu Val Gly Ala Ala Gly Leu Gly Gly
                    645
                                       650
150 Leu Gly Val Gly Gly Leu Gly Val Pro Gly Val Gly Gly Leu Gly Gly
                660
                                    665
153 Ile Pro Pro Ala Ala Ala Lys Ala Ala Lys Tyr Gly Ala Ala Gly
                               680
156 Leu Gly Gly Val Leu Gly Gly Ala Gly Gln Phe Pro Leu Gly Gly Val
                            695
159 Ala Ala Arg Pro Gly Phe Gly Leu Ser Pro Ile Phe Pro Gly Gly Ala
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162 Cys Leu Gly Lys Ala Cys Gly Arg Lys Arg Lys
163
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168 <212> TYPE: PRT
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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175 <400> SEQUENCE: 2
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179 Val Pro Gly Val Gly Gly Val Pro Gly Val Gly Val Pro Gly Val
                20
                                    25
182 Gly Ile Ser Pro Glu Ala Gln Ala Ala Ala Ala Lys Ala Ala Lys
185 Tyr Gly Val Gly Thr Pro Ala Ala Ala Ala Lys Ala Ala Ala Lys
                            55
188 Ala Ala Gln Phe Gly Leu Val Pro Gly Val Gly Val Ala Pro Gly Val
191 Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Leu Ala Pro
                                        90
                    85
194 Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val
              100
                                   105
197 Ala Pro Ala Ile Gly Pro Glu Ala Gln Ala Ala Ala Ala Lys Ala
                               120
200 Ala Lys Tyr Gly Val Gly Thr Pro Ala Ala Ala Ala Ala Lys Ala Ala
                           135
203 Ala Lys Ala Ala Gln Phe Gly Leu Val Pro Gly Val Gly Val Ala Pro
                                           155
206 Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Leu
                   165
                                       170
209 Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val .
               180
                                   185
212 Gly Val Ala Pro Ala Ile Gly Pro
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217 <211> LENGTH: 4
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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225 <400> SEQUENCE: 3
226 Lys Ala Ala Lys
227
      1
230 <210> SEQ ID NO: 4
231 <211> LENGTH: 5
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
237
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239 <400> SEQUENCE: 4
240 Lys Ala Ala Ala Lys
241
     1
244 <210> SEQ ID NO: 5
245 <211> LENGTH: 6
246 <212> TYPE: PRT
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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253 <400> SEQUENCE: 5
254 Pro Gly Val Gly Val Ala
255
    1
258 <210> SEQ ID NO: 6
259 <211> LENGTH: 5
260 <212> TYPE: PRT
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
265
          polypeptide
267 <400> SEQUENCE: 6
268 Val Pro Gly Val Gly
272 <210> SEQ ID NO: 7
273 <211> LENGTH: 4
274 <212> TYPE: PRT
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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281 <400> SEQUENCE: 7
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282 Val Pro Gly Gly
283
    1
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288 <212> TYPE: PRT
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291 <220> FEATURE:
292 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
293
    polypeptide
295 <400> SEQUENCE: 8
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                      5
299 Gly Leu Gly Tyr Gly Gly Leu Gly Tyr Gly Gly Leu Gly Tyr
                 20
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304 <211> LENGTH: 117
305 <212> TYPE: PRT
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308 <400> SEQUENCE: 9
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                 20
                                     25
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            35
                                 40
318 Gly Val Gly Thr Pro Ala Ala Ala Ala Lys Ala Ala Lys Ala
321 Ala Gln Phe Gly Leu Val Pro Gly Val Gly Val Ala Pro Gly Val Gly
322 65
324 Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Leu Ala Pro Gly
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                     85
327 Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala
                100
                                    105
330 Pro Ala Ile Gly Pro
331
            115
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335 <211> LENGTH: 118
336 <212> TYPE: PRT
337 <213> ORGANISM: Homo sapiens
339 <400> SEQUENCE: 10
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346 Gly Ile Ser Pro Glu Ala Gln Ala Ala Ala Ala Lys Ala Ala Lys
            35
349 Tyr Gly Val Gly Thr Pro Ala Ala Ala Ala Ala Lys Ala Ala Ala Lys
352 Ala Ala Gln Phe Gly Leu Val Pro Gly Val Gly Val Ala Pro Gly Val
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VERIFICATION SUMMARY

DATE: 05/13/2003

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Input Set : A:\41082112.app

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date